

# WSQ Advanced Data Visualization using Power BI



 COURSE DURATION  
**24 Hrs**

 COURSE REFERENCE NO.  
**TGS-2024048385**

 MODE OF TRAINING  
**Classroom**

 FUNDING VALIDITY  
**Till 18 Aug 2026**

This 3-day course is designed for Power BI users who want to take their data visualization skills to the next level. Participants will delve into advanced techniques for creating compelling and informative dashboards and reports. The course will cover advanced data manipulation, custom visuals, DAX (Data Analysis Expressions), storytelling with data, and best practices for deployment and sharing.

## Who Is This Course For

- This course is ideal for anyone who uses technology in their daily lives, including home computer users, students, professionals and business owners.

## Course Objectives

By the end of this course, learners will be able to:

- Apply Advanced Data Visualization via Power Query Editor.
- Analyse Data Patterns, Trends and Correlations in Advanced Data Visualisation.
- Implement DAX Techniques in Dashboard and Scorecard Development Process.
- Develop Custom Visuals in the Form of Tables, Graphs and Dynamic Data Display.
- Determine Storytelling Techniques to Support Presentation of Data Analysis

FULL FEE

**\$1,500**

(Subject to 9% GST)

NETT FEE AFTER FUNDING

**\$585**

SME OR Singaporean age  
40 and above (including  
GST)

*70% Course Fee Funded*

**\$885**

Non-SME OR Singaporean  
age 21 to 39 OR Singapore  
PR

(Including GST)

*50% Course Fee Funded*

Subsidies Available  
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## Course Content

### Learning Unit 1: Power Query Editor Deep Dive

- Advanced data transformations (pivoting, unpivoting, merging)
- M language fundamentals for custom data manipulation
- Appraising error handling and data quality checks

### Learning Unit 2: Beyond Basic Charts

- Waterfall charts, funnel charts, gauges, and other advanced visuals
- Formatting and customizing visuals for impact
- Interactive elements and user experience considerations

### Learning Unit 3: DAX Advanced Techniques

- Calculated columns and measures
- DAX syntax and common functions
- Filtering and aggregation with DAX
- Time intelligence functions (DATES, PERIODS, etc.)
- Utilizing advanced filtering and calculated tables
- Creating complex KPIs and performance metrics

### Learning Unit 4: Custom Visuals and the Power BI Marketplace

- Identifying and integrating custom visuals for specific needs
- Evaluating and selecting appropriate custom visuals
- Leverage custom visuals for unique data storytelling

### Learning Unit 5: Storytelling with Data

- Designing dashboards and reports with a narrative flow
- Engaging users with visuals and data insights
- Best practices for layout, hierarchy, and user interaction



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